AMENDMENTS TO THE CLAIMS:

1. (Currently amended) A method for constructing a recombinant adenovirus ~~vector~~ vector ~~having a DNA sequence consisting of~~ comprising an adenovirus genome DNA and an expression cassette, which comprises:

(i) constructing a recombinant cosmid/adenovirus vector by inserting a DNA sequence ~~and ligating a cosmid sequence having recombinase recognition sequences at both ends~~ and the expression cassette into ~~a site of~~ the adenovirus genome DNA ~~where E1 region or E1 and E3 regions are deleted~~ at a deletion site of either an E1 region or an E1 and E3 regions of the adenovirus genome DNA, wherein the DNA sequence consists of a cosmid sequence having recombinase recognition sequences at both ends and outer sequences extended from the recombinase recognition sequences, and at least one of the outer sequences has a cloning site for insertion of the expression cassette;

(ii) cotransfecting ~~this~~ the recombinant cosmid/adenovirus vector and a recombinase-expression vector into ~~a cell line~~ cells producing adenovirus E1 protein; and

(iii) deleting the cosmid vector sequence from the recombinant cosmid/adenovirus vector ~~in the cells~~ but retaining the outer sequences therein, to produce the recombinant adenovirus vector comprising the adenovirus genome DNA and the outer sequences into which the expression cassette is inserted.

2. (Original) The method according to claim 1, wherein the recombinase is Cre recombinase and the recognition sequences thereof are loxP sequences.

3. (Original) The method according to claim 1, wherein the recombinase is FLP recombinase and the recognition sequences thereof are FRT sequences.

4. (Currently amended) The method according to claim 1, wherein the ~~cell line~~ cells producing adenovirus E1 protein ~~is~~ are a 293 cell line derived from human fetal kidney cells.

5. (Withdrawn) A method for constructing a recombinant adenovirus victor having a DNA sequence consisting of an adenovirus genome DNA and an expression cassette, which comprises:

constructing a recombinant cosmid/adenovirus vector by inserting and ligating a cosmid sequence having recombinase recognition sequences at both ends and the expression cassette into a site of the adenovirus genome DNA where E1 region or E1 and E3 regions are deleted;

transfecting this recombinant cosmid/adenovirus vector into a cell line producing recombinase and adenovirus E1 protein; and

deleting the cosmid vector sequence from the recombinant cosmid/adenovirus vector in the cells.

6. (Withdrawn) The method according to claim 5, wherein the recombinase is Cre recombinase and the recognition sequences thereof are loxP sequences.

7. (Withdrawn) The method according to claim 5, wherein the recombinase is FLP recombinase and the recognition sequences thereof are FRT sequences.

8. (Withdrawn) The method according to claim 5, wherein the cell line producing recombinase and adenovirus E1 protein is 293 cell derived from human fetal kidney cells which produces the recombinase.

9. (Currently amended) A cosmid/adenovirus vector, which ~~comprises~~ is a circular DNA construct comprising a DNA sequence and an adenovirus genome DNA, wherein the DNA sequence consists of a cosmid sequence having recombinase recognition sequences at both ends and outer sequences extended from the recombinase recognition sequences, and wherein the DNA sequence is inserted into ~~in a site of~~ the adenovirus genome DNA ~~where E1 region or E1 and E3 regions are deleted~~ at a deletion site of either an E1 region or E1 and E3 regions of the adenovirus genome DNA.

10. (Original) The cosmid/adenovirus vector of claim 9, wherein the recombinase is Cre recombinase and the recognition sequences thereof are loxP sequences.

11. (Original) The cosmid/adenovirus vector of claim 9, wherein the recombinase is FLP recombinase and the recognition sequences thereof are FRT sequences.

12. (Withdrawn) A 293 cell line derived from human fetal kidney cells, which produces FLP reccombinase.